

SEQUENCE LISTING

<110> GENFIT SA

<120> Method for identifying substances capable of modulating adipocyte differentiation

<130> B0097WO

<140>
<141>

<160> 4

<170> PatentIn Ver. 2.1

<210> 1
<211> 1999
<212> ADN
<213> Homo sapiens

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<212> ADN

<213> artificial sequence

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<223> Description of the artificial séquence: Rev-DR2

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<211> 1845

<212> ADN

<213> Homo sapiens

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<222> (1)..(1845)

<223> REV ERB ALPHA

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Ile Gly Ser Ser Gly Ser Ser Pro Ser Arg Thr Ser Pro Glu Ser Leu
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ccc acc tac ttc cca cca tcc ccc act ggc tcc ctc acc caa gac ccg 192
Pro Thr Tyr Phe Pro Pro Ser Pro Thr Gly Ser Leu Thr Gln Asp Pro
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Ala Arg Ser Phe Gly Ser Ile Pro Pro Ser Leu Ser Asp Asp Gly Ser
65 70 75 80

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Pro Ser Phe Tyr Asn
85 90 95

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Gly Ser Pro Pro Gly Ser Leu Gln Val Ala Met Glu Asp Ser Ser Arg
100 105 110

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Val Ser Pro Ser Lys Ser Thr Ser Asn Ile Thr Lys Leu Asn Gly Met
115 120 125

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Val Leu Leu Cys Lys Val Cys Gly Asp Val Ala Ser Gly Phe His Tyr
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Ile	Val	Arg	Ile	Asn	Arg	Asn	Arg	Cys	Gln	Gln	Cys	Arg	Phe	Lys	Lys	
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Cys	Leu	Ser	Val	Gly	Met	Ser	Arg	Asp	Ala	Val	Arg	Phe	Gly	Arg	Ile	
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Asn	Leu	Ala	Asn	Asn	Gln	Leu	Ser	Ser	Gln	Cys	Pro	Leu	Glu	Thr	Ser	
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ccc	acc	cag	cac	ccc	acc	cca	ggc	ccc	atg	ggc	ccc	tcg	cca	ccc	cct	768
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gct	ccg	gtc	ccc	tca	ccc	ctg	gtg	ggc	ttc	tcc	cag	ttt	cca	caa	cag	816
Ala	Pro	Val	Pro	Ser	Pro	Leu	Val	Gly	Phe	Ser	Gln	Phe	Pro	Gln	Gln	
260								265					270			
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Leu	Thr	Pro	Pro	Arg	Ser	Pro	Ser	Pro	Glu	Pro	Thr	Val	Glu	Asp	Val	
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Asp	Lys	Leu	Gly	Ser	Ser	Pro	Gly	Asn	Phe	Asn	Ala	Asn	His	Ala	Ser	
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gg	tg	cc	cc	aa	tt	cc	tt	gg	aa	aa	tt	cc	gg	tt	cc	1008
Gly	Ser	Pro	Pro	Ala	Thr	Thr	Pro	His	Arg	Trp	Glu	Asn	Gln	Gly	Cys	
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Pro	Pro	Ala	Pro	Asn	Asp	Asn	Asn	Thr	Leu	Ala	Ala	Gln	Arg	His	Asn	
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gag	gcc	cta	aat	gg	ctg	cg	g	gt	cc	tcc	tcc	tac	cct	cc	acc	1104
Glu	Ala	Leu	Asn	Gly	Leu	Arg	Gln	Ala	Pro	Ser	Ser	Tyr	Pro	Pro	Thr	
355								360					365			
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Trp	Pro	Pro	Gly	Pro	Ala	His	His	Ser	Cys	His	Gln	Ser	Asn	Ser	Asn	
370								375					380			
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405

410

415

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 Glu Val Val Glu Phe Ala Lys His Ile Pro Gly Phe Arg Asp Leu Ser
 450 455 460

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 Ser Leu Ala Leu Thr Glu Glu Glu Leu Gly Leu Phe Thr Ala Val Val
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 545 550 555 560

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 Gln Leu Gln Glu Thr Leu Leu Arg Ala Leu Arg Ala Leu Val Leu Lys
 565 570 575

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<210> 4
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 <213> Homo sapiens

<400> 4

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Pro Thr Tyr Phe Pro Pro Ser Pro Thr Gly Ser Leu Thr Gln Asp Pro
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65 70 75 80
Pro Ser Ser Ser Ser Ser Ser Ser Ser Phe Tyr Asn
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Gly Ser Pro Pro Gly Ser Leu Gln Val Ala Met Glu Asp Ser Ser Arg
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Val Ser Pro Ser Lys Ser Thr Ser Asn Ile Thr Lys Leu Asn Gly Met
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Gly Val His Ala Cys Glu Gly Cys Lys Gly Phe Phe Arg Arg Ser Ile
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Cys Leu Ser Val Gly Met Ser Arg Asp Ala Val Arg Phe Gly Arg Ile
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260 265 270
Leu Thr Pro Pro Arg Ser Pro Ser Pro Glu Pro Thr Val Glu Asp Val
275 280 285
Ile Ser Gln Val Ala Arg Ala His Arg Glu Ile Phe Thr Tyr Ala His
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Asp Lys Leu Gly Ser Ser Pro Gly Asn Phe Asn Ala Asn His Ala Ser
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Gly Ser Pro Pro Ala Thr Thr Pro His Arg Trp Glu Asn Gln Gly Cys
325 330 335
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Ala Pro Ala Asn Ser Pro Arg Gln Gly Asn Ser Lys Asn Val Leu Leu
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Ala Cys Pro Met Asn Met Tyr Pro His Gly Arg Ser Gly Arg Thr Val
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Gln Glu Ile Trp Glu Asp Phe Ser Met Ser Phe Thr Pro Ala Val Arg
435 440 445
Glu Val Val Glu Phe Ala Lys His Ile Pro Gly Phe Arg Asp Leu Ser
450 455 460
Gln His Asp Gln Val Thr Leu Leu Lys Ala Gly Thr Phe Glu Val Leu
465 470 475 480
Met Val Arg Phe Ala Ser Leu Phe Asn Val Lys Asp Gln Thr Val Met

